PORSF 2.4 r.19
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STRIPLIN Environmental Associates
1205 West Bay Dr. NW
Olympia, WA 98502
(360) 705-3534
Fax (360) 705-3669

November 14, 2003

Ms. Ginna Grepo-Grove
U.S. Environmental Protection Agency
1200 Sixth Avenue
Seattle, WA 98101

Subject: Lower Willamette Group Round 1 Data Validation

Dear Ms. Grepo-Grove:

Several items are enclosed for your review to help facilitate our discussion during our conference call scheduled for Tuesday, November 18th at 2:00 PM PST. We scheduled the conference call to discuss the technical issues identified in the October 23, 2003 letter and attachments from Tara Martich, EPA Remedial Project Manager.

The following information is enclosed for your review:

- Laboratory Data Consultants (LDC) data validation reports for the data packages included in the EPA data validation report
- Data summary tables for the Analytical Resources Inc. (ARI) and Columbia Analytical Services (CAS) data packages included in the data validation reports. These data summary tables are included in hard copy and electronic formats.

Please feel free to call me at 503-284-5545, or Maja Tritt at 206-241-5185, if you have any questions or require additional documentation.

Sincerely,

Laura L. Jones

Laura L. Jones
Project Chemist

Enclosure

cc: Gene Revelas, SEA
Maja Tritt, SEA
Keith Pine, SEA

USEPA SF
1455122

LWG
LOWER WILLAMETTE GROUP

Transmittal

To:	Chip Humphrey (1 copy) US Environmental Protection Agency, Region 10 811 SW 6th Avenue, 3rd Floor Portland, OR 97204 Tara Martich (4 copies) US Environmental Protection Agency, Region 10 1200 Sixth Ave, M/S ECL-115 Seattle, WA 98104	**From:**	Keith Pine Striplin Environmental Associates, Inc. 15111 8th Avenue SW, Ste. 303 Seattle, WA 98166
		Date:	November 19, 2003
Re:	Portland Harbor Superfund Site RI/FS	**Copies to:**	LWG Repository (CD-ROM only)

We are sending the following items:

Number of Copies	Description
5	Round 1 Sediment Congeners and Tissue Data Validation Reports
5	Round 1 Updated Validated Database in Query Manager format (CD-ROM)
5	Round 1 Sediment Congeners and Tissue Chemistry Data Validation Reports in .pdf format (CD-ROM)

These are transmitted:

☐ For your information ☐ For action specified below ☐ For review and comment ☒ For your use ☐ As requested

Comments:

The updated Round 1 database was also posted on the Portland Harbor Collaboration Portal server on October 27, 2003. The Round 1 sediment congeners and tissue data validation reports enclosed herein have also been posted on the Portland Harbor Collaboration Portal server for use by EPA and its partners.

LWG
LOWER WILLAMETTE GROUP

PORTLAND HARBOR RI/FS

ROUND 1 VALIDATED SEDIMENT CONGENERS AND TISSUE DATA

November 18, 2003

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Submitted to:
Lower Willamette Group

Submitted by:
Striplin Environmental Associates, Inc.

LIST OF TABLES

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ROUND 1 VALIDATED SEDIMENT CONGENERS AND TISSUE DATA

This document transmits the data validation reports for tissue analytical data and the remaining sediment analytical data [dioxins/furans and polychlorinated biphenyl (PCB) congeners] from samples collected during Round 1 (2002) of the Portland Harbor Remedial Investigation and Feasibility Study (RI/FS). Field collection occurred from October 9 through November 12, 2002. The majority of validated sediment analytical data was transmitted under separate cover to EPA on June 3, 2003. The Round 1 tissue data and remaining Round 1 sediment analytical data that are the subject of this data validation submittal were posted on the Portland Harbor Collaboration Portal server on October 27, 2003. For all data, a description of sampling efforts is provided in the Round 1 Field Sampling Report (SEA et al. 2003), which includes sample location maps and detailed descriptions of the sample collection and handling methods.

All Round 1 sediment and tissue samples are listed in Table 1; the sample delivery group (SDG) number indicates the analytical parameters. The sediment and tissue data were validated, as required by the project quality assurance project plan (QAPP; SEA 2002), by Laboratory Data Consultants, Inc. (LDC), under subcontract to SEA. Data validation qualifiers (EPA 1992, 1994, 1999; SEA 2002) were assigned to selected data points during the validation process. As required by the QAPP, the first 5 percent of the data for each suite of parameters was submitted to EPA for validation by EPA's QA office. The following data packages were submitted to EPA in 2003:

Transmittal Date	Lab	Analytes/Matrix Type
January 13, 2003	ARI	All analytes except herbicides/Sediment
February 2003	ARI	Herbicides/Sediment
March 14, 2003	CAS	Metals/Tissue
June 13, 2003	ARI	SVOCs/Tissue
June 19, 2003	CAS	PCB Aroclors, pesticides, lipids/Tissue
July 11, 2003	AXYS	Dioxin/Furan and PCB congeners/Tissue
August 4, 2003	CAS	Butyltins/Tissue
August 26, 2003	AXYS	Dioxin/Furan and PCB congeners/Sediment

A list of data validation reports prepared by LDC is provided in Table 2. As indicated in the status column of Table 2, all tissue data validation reports and sediment dioxins/furans and PCB congeners data validation reports are enclosed herein.

New or revised validated analytical results are also provided electronically on the accompanying CD-ROM in a single Microsoft Access file with a database

structure compatible with NOAA's Query Manager database system. NOAA previously provided the Lower Willamette Group with a Microsoft Access file template of the database structure. The accompanying database submittal is identical to that which was posted on the Portland Harbor Collaboration Portal server on October 27, 2003.

Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0102R001SDS015C00	Normal	sediment	EX85		EX85	WG9693	EX85	WG8551	EX85	EX85	
LWG0102R015SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103B030SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0103B031SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0103B033SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0103R001SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103R002SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103R003SDS015C10	Normal	sediment	EX64		EX64	WG9693	EX64	WG8551	EX64	EX64	
LWG0103R003SDS015C10DUP	Lab Replicate	sediment						WG8551			
LWG0103R003SDS015C10LR	Lab Replicate	sediment			EX64		EX64				
LWG0103R003SDS015C10LT	Lab Replicate	sediment			EX64						
LWG0103R003SDS015C20	Field Replicate	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103R003SDS015C31	Field Replicate	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103R003SDS015C32	Field Duplicate	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103R004SDS015C11	Normal	sediment	EX64	EX64	EX64	WG9693	EX64	WG8551	EX64	EX64	
LWG0103R004SDS015C12	Field Duplicate	sediment	EX64	EX64	EX64		EX64		EX64	EX64	
LWG0103R004SDS015C20	Field Replicate	sediment	EX64	EX64	EX64		EX64		EX64	EX64	
LWG0103R004SDS015C30	Field Replicate	sediment	EX64	EX64	EX64		EX64		EX64	EX64	
LWG0103R005SDS015C00	Normal	sediment	EX85	EX85	EX85	WG9693	EX85	WG8642	EX85	EX85	
LWG0103R032SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0103R034SDS015C00	Normal	sediment	EZ74		EZ74		EZ74		EZ74	EZ74	
LWG0103R040SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0103R041SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0104B023SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0104B024SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0104R002SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0104R003SDS015C00	Normal	sediment	EX85		EX85		EX85		EX85	EX85	
LWG0104R004SDS015C00	Normal	sediment	EX85		EX85		EX85		EX85	EX85	
LWG0105B018SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0105B019SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0105R001SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0105R003SDS015C00	Normal	sediment	EX85		EX85		EX85		EX85	EX85	
LWG0105R020SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0105R040SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0105R041SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0106B022SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0106B025SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0106B026SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0106B029SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0106B030SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0106R001SDS015C00	Normal	sediment	EX85		EX85		EX85		EX85	EX85	
LWG0106R002SDS015C10	Normal	sediment	EX85		EX85	WG9693	EX85	WG8551	EX85	EX85	
LWG0106R002SDS015C10DUP	Lab Replicate	sediment				WG9693					
LWG0106R002SDS015C10LR	Lab Replicate	sediment			EX85		EX85				
LWG0106R002SDS015C10LT	Lab Replicate	sediment			EX85						
LWG0106R002SDS015C20	Field Replicate	sediment	EX85		EX85	WG9693	EX85	WG8551	EX85	EX85	
LWG0106R002SDS015C31	Field	sediment	EX85		EX85	WG9693	EX85	WG8561	EX85	EX85	

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
	Replicate										
LWG0106R002SDS015C32	Field Duplicate	sediment	EX85		EX85	WG9693	EX85	WG8561	EX85	EX85	
LWG0106R002SDS015C32DUP	Lab Replicate	sediment				WG9693					
LWG0106R004SDS015C00	Normal	sediment	EX85		EX85	WG9693	EX85	WG8561	EX85	EX85	
LWG0106R031SDS015C00	Normal	sediment	EX64	EX64	EX64		EX64		EX64	EX64	
LWG0106R040SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0107B022SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0107B023SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0107B023SDS015C00LR	Lab Replicate	sediment			EW86						
LWG0107B024SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0107B024SDS015C00LR	Lab Replicate	sediment			EW86		EW86				
LWG0107B024SDS015C00LT	Lab Replicate	sediment			EW86						
LWG0107R003SDS015C00	Normal	sediment	EX85		EX85		EX85		EX85	EX85	
LWG0107R004SDS015C00	Normal	sediment	EZ74		EZ74		EZ74		EZ74	EZ74	
LWG0107R006SDS015C00	Normal	sediment	EZ74		EZ74	WG8705	EZ74	WG8788	EZ74	EZ74	
LWG0107R030SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0107R040SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0108B032SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0108R001SDS015C00	Normal	sediment	EX85		EX85		EX85		EX85	EX85	EX85
LWG0108R002SDS015C00	Normal	sediment	EX64		EX64		EX64		EX64	EX64	
LWG0108R003SDS015C00	Normal	sediment	EX85		EX85	WG9693	EX85	WG8561	EX85	EX85	
LWG0108R040SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0108R040SDS015C00LR	Lab Replicate	sediment			EY30						
LWG0108R040SDS015C00LT	Lab	sediment			EY30						

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
	Replicate										
LWG0108R041SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0109B024SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0109B026SDS015C00	Normal	sediment	EW86		EW86		EW86		EW86	EW86	
LWG0109B027SDS015C10	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0109B027SDS015C10LR	Lab Replicate	sediment			EW91		EW91				
LWG0109B027SDS015C10LT	Lab Replicate	sediment			EW91						
LWG0109B027SDS015C20	Field Replicate	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0109B027SDS015C31	Field Replicate	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0109B027SDS015C32	Field Duplicate	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0109B028SDS015C00	Normal	sediment	EW91		EW91		EW91		EW91	EW91	
LWG0109R001SDS015C10	Normal	sediment	EX86		EX86		EX86		EX86	EX86	
LWG0109R001SDS015C10LR	Lab Replicate	sediment			EX86		EX86				
LWG0109R001SDS015C10LT	Lab Replicate	sediment			EX86						
LWG0109R001SDS015C20	Field Replicate	sediment	EX86		EX86		EX86		EX86	EX86	
LWG0109R001SDS015C31	Field Replicate	sediment	EX86		EX86		EX86		EX86	EX86	
LWG0109R001SDS015C32	Field Duplicate	sediment	EX86		EX86		EX86		EX86	EX86	
LWG0109R002SDS015C00	Normal	sediment	EX86		EX86	WG9693	EX86	WG8561	EX86	EX86	
LWG0109R002SDS015C00DUP	Lab Replicate	sediment						WG8561			
LWG0109R040SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	

Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0109R041SDS015C00	Normal	sediment	EY30		EY30		EY30		EY30	EY30	
LWG0102R001TSCRWBC00	Normal	crayfish	K2300039		K2300039	WG8758	K2300039	WG8699	K2300039	FA36, K2300039	
LWG0102R001TSSPWBC00	Normal	sculpin	K2300047		K2300047	WG8878	K2300047	WG9647	K2300047	FA34, K2300047	
LWG0102R001TSSPWBC10	Normal	sculpin					K2206663				
LWG0102R015TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0102R015TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0103R001TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0103R001TSSPWBC00	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA37, K2300044	
LWG0103R002TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0103R002TSSPWBC10	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA37, K2300044	
LWG0103R002TSSPWBC20	Field Replicate	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0103R003TSCRWBC00	Normal	crayfish	K2300039		K2300039	WG8758	K2300039	WG8699	K2300039	FA36, K2300039	
LWG0103R004TSCRWBC00	Normal	crayfish	K2300039		K2300039	WG8758	K2300039	WG9736	K2300039	FA36, K2300039	
LWG0103R004TSSPWBC10	Normal	sculpin	K2300047		K2300047	WG8878	K2300047	WG9647	K2300047	FA34, K2300047	
LWG0103R004TSSPWBC10DUP	Lab Replicate	sculpin						WG9647			

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			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0103R004TSSPWBC20	Field Replicate	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0103R005TSCRWBC00	Normal	crayfish	K2300039		K2300039	WG8758	K2300039	WG8699	K2300039	FA36, K2300039	
LWG0103R005TSSPWBC00	Normal	sculpin	K2300047		K2300047	WG8878	K2300047	WG9647	K2300047	FA34, K2300047	
LWG0103R014TSLSWBC10	Normal	largescale sucker	K2300038		K2300038		K2300038		K2300038	FA39, K2300038	
LWG0103R014TSLSWBC20	Field Replicate	largescale sucker	K2300038		K2300038		K2300038		K2300038	FC77, K2300038	
LWG0103R014TSNPWBC10	Normal	northern pikeminnow	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0103R014TSNPWBC20	Field Replicate	northern pikeminnow	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0103R014TSNPWBC20D	Lab Replicate	northern pikeminnow			K2300810		K2300810				
LWG0103R014TSPMWBC00	Normal	peamouth	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0103R014TSSBFLC00	Normal	smallmouth bass	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG0103R014TSSBFSC00	Normal	smallmouth bass					K2300223				
LWG0103R014TSSBFSC00D	Lab Replicate	smallmouth bass					K2300223				
LWG0103R014TSSBWBC00	Normal	smallmouth bass	K2300038		K2300038	WG7567	K2300038	WG8457	K2300038	FC77, K2300038	
LWG0103R032TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0103R032TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0103R034TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0104R002TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0104R002TSCRWBC00D	Lab Replicate	crayfish					K2300039				
LWG0104R002TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0104R003TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0104R003TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0104R004TSCRWBC10	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0104R004TSCRWBC20	Field Replicate	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0104R004TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0104R023TSSBWBC10	Normal	smallmouth bass	K2300038		K2300038	WG7567	K2300038	WG9355	K2300038	FC77, K2300038	
LWG0104R023TSSBWBC20	Field Replicate	smallmouth bass	K2300038		K2300038	WG9464	K2300038	WG9736	K2300038	FC77, K2300038	
LWG0104R023TSSBWBC30	Field Replicate	smallmouth bass	K2300038		K2300038	WG9464	K2300038	WG9736	K2300038	FC77, K2300038	
LWG0105R001TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0105R001TSSPWBC00	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA37, K2300044	
LWG0105R003TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	

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			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0105R006TSLSWBC00	Normal	largescale sucker	K2300038		K2300038		K2300038		K2300038	FA39, K2300038	
LWG0105R006TSNPWBC00	Normal	northern pikeminnow	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0105R006TSPMWBC00	Normal	peamouth	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0105R006TSSBFLC00	Normal	smallmouth bass	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG0105R006TSSBFSC00	Normal	smallmouth bass					K2300223				
LWG0105R006TSSBWBC00	Normal	smallmouth bass	K2300038		K2300038	WG9466	K2300038	WG9709	K2300038	FC77, K2300038	
LWG0105R006TSSBWBC00DUP	Lab Replicate	smallmouth bass						WG9709			
LWG0105R020TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0106R001TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0106R001TSSPWBC00	Normal	sculpin	K2300047		K2300047		K2300047		K2300047	FA34, K2300047	
LWG0106R001TSSPWBC00D	Lab Replicate	sculpin			K2300047						
LWG0106R002TSCAWBC00	Normal	clam	K2303135	K2303135	K2303135		K2303135		K2303135	FK73, K2303135	
LWG0106R002TSCAWBC00D	Lab Replicate	clam			K2303135		K2303135				
LWG0106R002TSSPWBC10	Normal	sculpin	K2300044		K2300044	WG9916	K2300044	WG9355	K2300044	FA37, K2300044	
LWG0106R002TSSPWBC10D	Lab Replicate	sculpin			K2300044						
LWG0106R002TSSPWBC20	Field Replicate	sculpin	K2300044		K2300044	WG8878	K2300044	WG9709	K2300044	FA34, K2300044	
LWG0106R002TSSPWBC20DUP	Lab	sculpin				WG8878					

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
	Replicate										
LWG0106R004TSCRWBC10	Normal	crayfish	K2300039		K2300039	WG8758	K2300039	WG9647	K2300039	FA36, K2300039	
LWG0106R004TSCRWBC20	Field Replicate	crayfish	K2300039		K2300039	WG8758	K2300039	WG9647	K2300039	FA36, K2300039	
LWG0106R004TSSPWBC00	Normal	sculpin	K2300044		K2300044	WG8878	K2300044	WG9709	K2300044	FA34, K2300044	
LWG0106R024TSSBFLC00	Normal	smallmouth bass	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG0106R024TSSBFSC00	Normal	smallmouth bass					K2300223				
LWG0106R024TSSBWBC00	Normal	smallmouth bass	K2300038		K2300038	WG9464	K2300038	WG9736	K2300038	FC77, K2300038	
LWG0106R024TSSBWBC00DUP	Lab Replicate	smallmouth bass						WG9736			
LWG0106R031TSCRWBC00	Normal	crayfish	K2300039		K2300039	WG8758	K2300039	WG8699	K2300039	FA36, K2300039	
LWG0107R003TSCAWBC00	Normal	clam	K2303135		K2303135		K2303135		K2303135	FK73, K2303135	
LWG0107R003TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0107R003TSSPWBC00	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA34, K2300044	
LWG0107R004TSCRWBC00	Normal	crayfish	K2300039		K2300039		K2300039		K2300039	FA36, K2300039	
LWG0107R004TSCRWBC00D	Lab Replicate	crayfish			K2300039						
LWG0107R006TSCAWBC00	Normal	clam	K2303135	K2303135	K2303135		K2303135		K2303135	FK73, K2303135	
LWG0107R006TSCAWBC00D	Lab Replicate	clam					K2303135				

Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0107R006TSCRWBC00	Normal	crayfish	K2300038		K2300038	WG8758	K2300038	WG9647	K2300038	FA36, K2300038	
LWG0107R006TSSPWBC00	Normal	sculpin	K2300044		K2300044	WG8878	K2300044	WG9709	K2300044	FA34, K2300044	
LWG0107R009TSLSWBC00	Normal	largescale sucker	K2300038		K2300038		K2300038		K2300038	FA39, K2300038	
LWG0107R009TSNPWBC00	Normal	northern pikeminnow	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0107R009TSSBWBC10	Normal	smallmouth bass	K2300038		K2300038	WG8692	K2300038	WG8456	K2300038	FC77, K2300038	
LWG0107R009TSSBWBC10D	Lab Replicate	smallmouth bass			K2300038						
LWG0107R009TSSBWBC20	Field Replicate	smallmouth bass	K2300047		K2300047	WG8692	K2300047	WG8699	K2300047	FC77, K2300047	
LWG0107R009TSSBWBC20D	Lab Replicate	smallmouth bass					K2300047				
LWG0107R009TSSBWBC30	Field Replicate	smallmouth bass	K2300047		K2300047	WG8692	K2300047	WG8699	K2300047	FC77, K2300047	
LWG0108R001TSCRWBC00	Normal	crayfish	K2300038		K2300038		K2300038		K2300038	FA36, K2300038	
LWG0108R001TSSPWBC00	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA34, K2300044	
LWG0108R002TSCRWBC00	Normal	crayfish	K2300038		K2300038		K2300038		K2300038	FA36, K2300038	
LWG0108R002TSSPWBC00	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA34, K2300044	
LWG0108R003TSCRWBC00	Normal	crayfish	K2300038		K2300038	WG8758	K2300038	WG9647	K2300038	FA36, K2300038	

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0108R003TSSPWBC00	Normal	sculpin	K2300044		K2300044	WG8878	K2300044	WG9709	K2300044	FA34, K2300044	
LWG0108R010TSLSWBC00	Normal	largescale sucker	K2300038		K2300038		K2300038		K2300038	FA39, K2300038	
LWG0108R010TSLSWBC00D	Lab Replicate	largescale sucker					K2300038				
LWG0108R010TSNPWBC00	Normal	northern pikeminnow	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0108R010TSPMWBC00	Normal	peamouth	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0108R010TSSBWBC10	Normal	smallmouth bass	K2300047		K2300047	WG9464	K2300047	WG9355	K2300047	FC77, K2300047	
LWG0108R010TSSBWBC20	Field Replicate	smallmouth bass	K2300047		K2300047	WG9464	K2300047	WG9709	K2300047	FC77, K2300047	
LWG0108R010TSSBWBC30	Field Replicate	smallmouth bass	K2300047		K2300047	WG9466	K2300047	WG9355	K2300047	FC77, K2300047	
LWG0108R032TSSBFLC00	Normal	smallmouth bass	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG0108R032TSSBFSC00	Normal	smallmouth bass					K2300223				
LWG0108R032TSSBWBC00	Normal	smallmouth bass	K2300047		K2300047	WG8692	K2300047	WG8456	K2300047	FC77, K2300047	
LWG0109R001TSCRWBC10	Normal	crayfish	K2300038		K2300038		K2300038		K2300038	FA36, K2300038	
LWG0109R001TSCRWBC20	Field Replicate	crayfish	K2300038		K2300038		K2300038		K2300038	FA36, K2300038	
LWG0109R001TSSPWBC00	Normal	sculpin	K2300044		K2300044		K2300044		K2300044	FA34, K2300044	
LWG0109R002TSCRWBC00	Normal	crayfish	K2300038		K2300038	WG8758	K2300038	WG9647	K2300038	FA36, K2300038	
LWG0109R002TSSPWBC00	Normal	sculpin	K2300044		K2300044	WG9916	K2300044	WG9355	K2300044	FA37, K2300044	

Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG0109R006TSLSWBC00	Normal	largescale sucker	K2300038		K2300038		K2300038		K2300038	FA39, K2300038	
LWG0109R006TSNPWBC00	Normal	northern pikeminnow	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0109R006TSPMWBC00	Normal	peamouth	K2300810		K2300810		K2300810		K2300810	K2300810	
LWG0109R006TSSBFLC00	Normal	smallmouth bass	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG0109R006TSSBFSC00	Normal	smallmouth bass					K2300223				
LWG0109R006TSSBWBC00	Normal	smallmouth bass	K2300047		K2300047	WG9464	K2300047	WG9736	K2300047	FC77, K2300047	
LWG01FZ0306TSBBFLC10	Normal	brown bullhead	K2300219		K2300219		K2300219		K2300219	FC78, K2300219	
LWG01FZ0306TSBBFLC20	Field Replicate	brown bullhead	K2300219		K2300219		K2300219		K2300219	FC78, K2300219	
LWG01FZ0306TSBBFLC30	Field Replicate	brown bullhead	K2300219		K2300219		K2300219		K2300219	FC78, K2300219	
LWG01FZ0306TSBBFSC10	Normal	brown bullhead					K2300223				
LWG01FZ0306TSBBFSC20	Field Replicate	brown bullhead					K2300223				
LWG01FZ0306TSBBFSC30	Field Replicate	brown bullhead					K2300223				
LWG01FZ0306TSBBWBC10	Normal	brown bullhead	K2300044		K2300044	WG9466	K2300044	WG9736	K2300044	FC78, K2300044	
LWG01FZ0306TSBBWBC20	Field Replicate	brown bullhead	K2300044		K2300044	WG7567	K2300044	WG8457	K2300044	FC78, K2300044	
LWG01FZ0306TSBBWBC30	Field Replicate	brown bullhead	K2300044		K2300044	WG9081	K2300044	WG9736	K2300044	FC78, K2300044	
LWG01FZ0306TSBCFLC10	Normal	black crappie	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0306TSBCFLC20	Field Replicate	black crappie	K2300219		K2300219		K2300219		K2300219	K2300219	

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG01FZ0306TSBCFSC10	Normal	black crappie					K2300223				
LWG01FZ0306TSBCFSC20	Field Replicate	black crappie					K2300223				
LWG01FZ0306TSBCWBC10	Normal	black crappie	K2300215		K2300215	WG9081	K2300215	WG9354	K2300215	K2300215	
LWG01FZ0306TSBCWBC20	Field Replicate	black crappie	K2300215		K2300215	WG9081	K2300215	WG9354	K2300215	K2300215	
LWG01FZ0306TSBCWBC20D	Lab Replicate	black crappie			K2300215		K2300215				
LWG01FZ0306TSCPFLC10	Normal	carp	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0306TSCPFLC20	Field Replicate	carp	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0306TSCPFLC30	Field Replicate	carp	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0306TSCPFSC10	Normal	carp					K2206663				
LWG01FZ0306TSCPFSC10D	Lab Replicate	carp					K2206663				
LWG01FZ0306TSCPFSC20	Field Replicate	carp					K2206663				
LWG01FZ0306TSCPFSC30	Field Replicate	carp					K2300223				
LWG01FZ0306TSCPWBC10	Normal	carp	K2300217		K2300217	WG8692	K2300217	WG8699	K2300217	FK73, K2300217	
LWG01FZ0306TSCPWBC20	Field Replicate	carp	K2300217		K2300217	WG8692	K2300217	WG9709	K2300217	FK73, K2300217	
LWG01FZ0306TSCPWBC30	Field Replicate	carp	K2300217		K2300217	WG7567	K2300217	WG8457	K2300217	FK73, K2300217	
LWG01FZ0609TSBBFLC10	Normal	brown bullhead	K2300219		K2300219		K2300219		K2300219	FC78, K2300219	
LWG01FZ0609TSBBFLC20	Field Replicate	brown bullhead	K2300219		K2300219		K2300219		K2300219	FC78, K2300219	

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG01FZ0609TSBBFLC30	Field Replicate	brown bullhead	K2300219		K2300219		K2300219		K2300219	FC78, K2300219	
LWG01FZ0609TSBBFSC10	Normal	brown bullhead					K2300223				
LWG01FZ0609TSBBFSC20	Field Replicate	brown bullhead					K2300223				
LWG01FZ0609TSBBFSC30	Field Replicate	brown bullhead					K2300223				
LWG01FZ0609TSBBWBC10	Normal	brown bullhead	K2300044		K2300044	WG9081	K2300044	WG9736	K2300044	FC78, K2300044	
LWG01FZ0609TSBBWBC10D	Lab Replicate	brown bullhead					K2300044				
LWG01FZ0609TSBBWBC20	Field Replicate	brown bullhead	K2300044		K2300044	WG9081	K2300044	WG9736	K2300044	FC78, K2300044	
LWG01FZ0609TSBBWBC30	Field Replicate	brown bullhead	K2300044		K2300044	WG7567	K2300044	WG8457	K2300044	FC78, K2300044	
LWG01FZ0609TSBCFLC10	Normal	black crappie	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0609TSBCFLC20	Field Replicate	black crappie	K2304032		K2300219		K2300219		K2304032	K2304032	
LWG01FZ0609TSBCFLC20D	Lab Replicate	black crappie			K2300219		K2300219				
LWG01FZ0609TSBCFSC10	Normal	black crappie					K2300223				
LWG01FZ0609TSBCFSC20	Field Replicate	black crappie					K2300223				
LWG01FZ0609TSBCWBC10	Normal	black crappie	K2300215		K2300215	WG7567	K2300215	WG8457	K2300215	K2300215	
LWG01FZ0609TSBCWBC20	Field Replicate	black crappie	K2300215		K2300215	WG7567	K2300215	WG8457	K2300215	K2300215	
LWG01FZ0609TSCPFLC10	Normal	carp	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0609TSCPFLC20	Field Replicate	carp	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0609TSCPFLC20D	Lab Replicate	carp			K2300219		K2300219				

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Table 1. Round 1 Sediment and Tissue Sample Analysis Summary.

Sample ID	Sample Type	Sample Matrix	Sample Delivery Group								
			Aroclors	Butyltins	Conventionals	Dioxins/Furans	Metals	PCB Congeners	Pesticides	SVOCs	VOCs
LWG01FZ0609TSCPFLC30	Field Replicate	carp	K2300219		K2300219		K2300219		K2300219	K2300219	
LWG01FZ0609TSCPFSC10	Normal	carp					K2300223				
LWG01FZ0609TSCPFSC20	Field Replicate	carp					K2300223				
LWG01FZ0609TSCPFSC30	Field Replicate	carp					K2300223				
LWG01FZ0609TSCPWBC10	Normal	carp	K2300217		K2300217	WG8692	K2300217	WG8456	K2300217	FK73, K2300217	
LWG01FZ0609TSCPWBC20	Field Replicate	carp	K2300217		K2300217	WG9464	K2300217	WG9354	K2300217	FK73, K2300217	
LWG01FZ0609TSCPWBC30	Field Replicate	carp	K2300217		K2300217	WG7567	K2300217	WG8457	K2300217	FK73, K2300217	
LWG01FZ0609TSCPWBC30D	Lab Replicate	carp			K2300217		K2300217				
LWG1A02R102TSSCWBC00	Normal	juvenile chinook	K2300215		K2300215		K2205838, K2300215		K2300215	FK73, K2300215	
LWG1A02R112TSSCWBC00	Normal	juvenile chinook	K2300215		K2300215		K2205838, K2300215		K2300215	FK73, K2300215	
LWG1A02R113TSSCWBC00	Normal	juvenile chinook	K2300215		K2300215		K2205838, K2300215		K2300215	FK73, K2300215	
LWG1A03R118TSSCWBC00	Normal	juvenile chinook	K2300215		K2300215		K2205838, K2300215		K2300215	FK73, K2300215	
LWG1A03R125TSSCWBC00	Normal	juvenile chinook	K2300215		K2300215		K2205838, K2300215		K2300215	FK73, K2300215	
LWG1A04R126TSSCWBC00	Normal	juvenile chinook	K2300215		K2300215		K2205838, K2300215		K2300215	FK73, K2300215	
LWG1AFZ0609TSCPWB	Normal	carp					K2205838				
LWG1AFZ0609TSCPWBD	Lab Replicate	carp					K2205838				

Table 2. Round 1 Sediment and Tissue Data Validation Report Listing.

LDC Report Number	Sample Delivery Group	Sample Matrix	Validated Parameter Group	Date Received	Date Revised Report Received	Status
9644A2a	EW86	Sediment	Semivolatiles	01/30/03	04/30/03	Sent 6/3/03
9644A2b	EW86	Sediment	PAHs	01/30/03		Sent 6/3/03
9644A3a	EW86	Sediment	Chlorinated Pesticides	01/30/03	05/29/2003, 05/30/2003, 06/2/2003	Sent 6/3/03
9644A3b	EW86	Sediment	PCBs	01/30/03		Sent 6/3/03
9644A4	EW86	Sediment	Metals	01/30/03		Sent 6/3/03
9644A6	EW86	Sediment	Wet Chemistry	01/30/03		Sent 6/3/03
9719A2a	EX64	Sediment	Semivolatiles	02/11/03	04/30/2002, 05/29/2003, 05/30/2003	Sent 6/3/03
9719A2b	EX64	Sediment	Semivolatiles	02/11/03		Sent 6/3/03
9719A2c	EX64	Sediment	Butyltins	02/11/03	10/13/03	Sent 6/3/03
9719A3	EX64	Sediment	PCBs	02/11/03		Sent 6/3/03
9719A4	EX64	Sediment	Metals	02/11/03		Sent 6/3/03
9719A5	EX64	Sediment	Herbicides	02/11/03		Sent 6/3/03
9719A6	EX64	Sediment	Wet Chemistry	02/11/03		Sent 6/3/03
9760A5	EW86	Sediment	Herbicides	02/11/03		Sent 6/3/03
10004A4	K2300039	Tissue	Metals	04/18/03		**enclosed**
10004B4	K2300223	Tissue	Mercury	04/18/03		**enclosed**
10122B2c	EY15	Sediment	Butyltins	05/06/03		Sent 6/3/03
10122D2c	EX85	Sediment	Butyltins	05/06/03		Sent 6/3/03
10122A3a	EX64	Sediment	Chlorinated Pesticides	05/06/03	05/29/03	Sent 6/3/03
10122B3a	EY15	Sediment	Chlorinated Pesticides	05/06/03		Sent 6/3/03
10122C3a	EW91	Sediment	Chlorinated Pesticides	05/06/03	05/29/03	Sent 6/3/03
10122D3a	EX85	Sediment	Chlorinated Pesticides	05/06/03	05/29/03	Sent 6/3/03
10122E3a	EZ74	Sediment	Chlorinated Pesticides	05/06/03	05/29/03	Sent 6/3/03
10122F3a	EY30	Sediment	Chlorinated Pesticides	05/06/03	05/29/2003, 06/02/2003	Sent 6/3/03
10122G3a	EX86	Sediment	Chlorinated Pesticides	05/06/03		Sent 6/3/03
10122B5	EY15	Sediment	Herbicides	05/06/03		Sent 6/3/03
10122C5	EW91	Sediment	Herbicides	05/06/03		Sent 6/3/03
10122D5	EX85	Sediment	Herbicides	05/06/03		Sent 6/3/03
10122E5	EZ74	Sediment	Herbicides	05/06/03		Sent 6/3/03
10122F5	EY30	Sediment	Herbicides	05/06/03		Sent 6/3/03
10122G5	EX86	Sediment	Herbicides	05/06/03		Sent 6/3/03

Table 2. Round 1 Sediment and Tissue Data Validation Report Listing.

LDC Report Number	Sample Delivery Group	Sample Matrix	Validated Parameter Group	Date Received	Date Revised Report Received	Status
10122B4	EY15	Sediment	Metals	05/06/03		Sent 6/3/03
10122C4	EW91	Sediment	Metals	05/06/03		Sent 6/3/03
10122D4	EX85	Sediment	Metals	05/06/03		Sent 6/3/03
10122E4	EZ74	Sediment	Metals	05/06/03		Sent 6/3/03
10122F4	EY30	Sediment	Metals	05/06/03		Sent 6/3/03
10122G4	EX86	Sediment	Metals	05/06/03		Sent 6/3/03
10122B3b	EY15	Sediment	PCBs	05/06/03		Sent 6/3/03
10122C3b	EW91	Sediment	PCBs	05/06/03		Sent 6/3/03
10122D3b	EX85	Sediment	PCBs	05/06/03		Sent 6/3/03
10122E3b	EZ74	Sediment	PCBs	05/06/03		Sent 6/3/03
10122F3b	EY30	Sediment	PCBs	05/06/03		Sent 6/3/03
10122G3b	EX86	Sediment	PCBs	05/06/03		Sent 6/3/03
10122B2a	EY15	Rinsate	Semivolatiles	05/06/03		Sent 6/3/03
10122B2b	EY15	Rinsate	Semivolatiles	05/06/03		Sent 6/3/03
10122C2a	EW91	Sediment	Semivolatiles	05/06/03	05/29/03	Sent 6/3/03
10122C2b	EW91	Sediment	Semivolatiles	05/06/03		Sent 6/3/03
10122D2a	EX85	Sediment	Semivolatiles	05/06/03	05/29/03	Sent 6/3/03
10122D2b	EX85	Sediment	Semivolatiles	05/06/03		Sent 6/3/03
10122E2a	EZ74	Sediment	Semivolatiles	05/06/03	05/29/03	Sent 6/3/03
10122E2b	EZ74	Sediment	Semivolatiles	05/06/03	05/29/2003, 05/30/2003	Sent 6/3/03
10122F2a	EY30	Sediment	Semivolatiles	05/06/03	05/29/03	Sent 6/3/03
10122F2b	EY30	Sediment	Semivolatiles	05/06/03		Sent 6/3/03
10122G2a	EX86	Sediment	Semivolatiles	05/06/03	05/29/03	Sent 6/3/03
10122G2b	EX86	Sediment	Semivolatiles	05/06/03		Sent 6/3/03
10122D1a	EX85	Sediment	Volatiles	05/06/03		Sent 6/3/03
10122D1b	EX85	Sediment	Volatiles	05/06/03	05/29/03	Sent 6/3/03
10122B6	EY15	Sediment	Wet Chemistry	05/06/03		Sent 6/3/03
10122C6	EW91	Sediment	Wet Chemistry	05/06/03		Sent 6/3/03
10122D6	EX85	Sediment	Wet Chemistry	05/06/03		Sent 6/3/03
10122E6	EZ74	Sediment	Wet Chemistry	05/06/03		Sent 6/3/03
10122F6	EY30	Sediment	Wet Chemistry	05/06/03		Sent 6/3/03
10122G6	EX86	Sediment	Wet Chemistry	05/06/03		Sent 6/3/03
10315A21	WG7567	Tissue	Dioxins/Furans	06/12/03		**enclosed**
10392A3a	K2300810	Tissue	Chlorinated Pesticides	07/09/03		**enclosed**

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Table 2. Round 1 Sediment and Tissue Data Validation Report Listing.

LDC Report Number	Sample Delivery Group	Sample Matrix	Validated Parameter Group	Date Received	Date Revised Report Received	Status
10392B3a	K2300044	Tissue	Chlorinated Pesticides	07/09/03	10/13/03	enclosed
10392C3a	K2300217	Tissue	Chlorinated Pesticides	07/09/03	10/13/03	enclosed
10392D3a	K2300038	Tissue	Chlorinated Pesticides	07/09/03		enclosed
10392E3a	K2300039	Tissue	Chlorinated Pesticides	07/09/03		enclosed
10392F3a	K2300047	Tissue	Chlorinated Pesticides	07/09/03		enclosed
10392G3a	K2300219	Tissue	Chlorinated Pesticides	07/09/03		enclosed
10392H3a-a	K2300215	Tissue	Chlorinated Pesticides	07/09/03	10/30/03	enclosed
10392A4	K2300810	Tissue	Metals	07/09/03	10/13/03	enclosed
10392B4	K2300044	Tissue	Metals	07/09/03	10/13/03	enclosed
10392C4	K2300217	Tissue	Metals	07/09/03		enclosed
10392D4	K2300038	Tissue	Metals	07/09/03	10/13/03	enclosed
10392F4	K2300047	Tissue	Metals	07/09/03	10/13/03	enclosed
10392G4	K2300219	Tissue	Metals	07/09/03	10/13/03	enclosed
10392H4a	K2300215	Tissue	Metals	07/09/03	10/13/03, 10/30/03	enclosed
10392A3b	K2300810	Tissue	PCBs	07/09/03		enclosed
10392B3b	K2300044	Tissue	PCBs	07/09/03		enclosed
10392C3b	K2300217	Tissue	PCBs	07/09/03		enclosed
10392D3b	K2300038	Tissue	PCBs	07/09/03		enclosed
10392E3b	K2300039	Tissue	PCBs	07/09/03		enclosed
10392F3b	K2300047	Tissue	PCBs	07/09/03		enclosed
10392G3b	K2300219	Tissue	PCBs	07/09/03	10/30/03	enclosed
10392H3b-a	K2300215	Tissue	PCBs	07/09/03	11/13/03	enclosed
10392A6	K2300810	Tissue	Total Lipids	07/09/03		enclosed
10392B6	K2300044	Tissue	Total Lipids	07/09/03		enclosed
10392C6	K2300217	Tissue	Total Lipids	07/09/03		enclosed
10392D6	K2300038	Tissue	Total Lipids	07/09/03		enclosed
10392E6	K2300039	Tissue	Total Lipids	07/09/03		enclosed
10392F6	K2300047	Tissue	Total Lipids	07/09/03		enclosed
10392G6	K2300219	Tissue	Total Lipids	07/09/03		enclosed
10392H6a	K2300215	Tissue	Total Lipids	07/09/03	11/06/03	enclosed
10431A2a	FA37, FA39	Tissue	Semivolatiles	07/08/03	07/18/03	enclosed
10431A2b	FA37, FA39	Tissue	Semivolatiles	07/08/03		enclosed
10452A2a	FA34	Tissue	Semivolatiles	07/10/03	07/18/2003, 10/10/2003	enclosed

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Table 2. Round 1 Sediment and Tissue Data Validation Report Listing.

LDC Report Number	Sample Delivery Group	Sample Matrix	Validated Parameter Group	Date Received	Date Revised Report Received	Status
10452A2b	FA34	Tissue	Semivolatiles	07/10/03	08/01/03	enclosed
10481A2a-a	FA36, FC77, FK73	Tissue	Semivolatiles	07/11/03	07/18/03, 10/30/03	enclosed
10481A2b-a	FA36, FC77, FK73	Tissue	Semivolatiles	07/11/03	08/01/03, 10/30/03	enclosed
10492A3a	K2304032	Tissue	Chlorinated Pesticides	07/11/03		enclosed
10492A3b	K2304032	Tissue	PCBs	07/11/03		enclosed
10492A6	K2304032	Tissue	Total Lipids	07/11/03		enclosed
10506A19	K2303135	Tissue	Butyltins	07/16/03		enclosed
10506A3a	K2303135	Tissue	Chlorinated Pesticides	07/16/03		enclosed
10506A3b	K2303135	Tissue	PCBs	07/16/03		enclosed
10506A4	K2303135	Tissue	Metals	07/16/03		enclosed
10506A6	K2303135	Tissue	Total Lipids	07/16/03		enclosed
10542A2	FA34, FA36, FA37, FA39, FC77, FK73	Tissue	N-Nitrosodimethylamine	07/18/03	08/01/03,10/30/03	enclosed
10556D21	WG8692	Tissue	Dioxins/Furans	08/04/03		enclosed
10556A3	WG8456	Tissue	PCB Congener	08/04/03		enclosed
10556B3	WG8551	Sediment	PCB Congener	08/04/03		enclosed
10556C3	WG8561	Sediment	PCB Congener	08/04/03		enclosed
10556E3	WG8699	Tissue	PCB Congener	08/04/03		enclosed
10556G2a	FA36	Tissue	Semivolatiles	08/04/03	10/13/03	enclosed
10556H2a-a	FA34RE, FC77RE, FK73RE	Tissue	Semivolatiles	08/04/03	11/06/03, 11/13/03	enclosed
10556I2b-a	FA36, FC77, FK73, FC78	Tissue	Semivolatiles	08/04/03	11/06/03, 11/13/03	enclosed
10587A2a	FC78, FA36	Tissue	Semivolatiles	08/09/03		enclosed
10587B2b-a	FA36, FC78	Tissue	Semivolatiles	08/09/03	08/12/03, 11/06/03, 11/13/03	enclosed
10623A21	WG8758	Tissue	Dioxins/Furans	08/06/03		enclosed
10636A3	WG8642	Sediment	PCB Congener	08/06/03		enclosed
10658A3	WG8788	Sediment	PCB Congener	08/19/03		enclosed

Table 2. Round 1 Sediment and Tissue Data Validation Report Listing.

LDC Report Number	Sample Delivery Group	Sample Matrix	Validated Parameter Group	Date Received	Date Revised Report Received	Status
10703A21	WG8705, WG9693	Sediment	Dioxins/Furans	09/04/03		**enclosed**
10719A21	WG8878	Tissue	Dioxins/Furans	08/29/03		**enclosed**
10730A3	WG8457	Tissue	PCB Congener	09/09/03		**enclosed**
10730B21	WG9464	Tissue	Dioxins/Furans	09/09/03		**enclosed**
10747A21a	WG9081	Tissue	Dioxins/Furans	09/11/03	09/25/03, 10/30/03	**enclosed**
10747B3a	WG9354	Tissue	PCB Congener	09/11/03	09/25/03, 10/30/03	**enclosed**
10747C3	WG9736	Tissue	PCB Congener	09/11/03	09/25/03	**enclosed**
10747D3	WG9647	Tissue	PCB Congener	09/11/03	09/25/03	**enclosed**
10753A3	WG9709	Tissue	PCB Congener	09/15/03		**enclosed**
10753B21	WG9916	Tissue	Dioxins/Furans	09/15/03		**enclosed**
10767A3a	WG9355	Tissue	PCB Congener	09/18/03	10/30/03	**enclosed**
10767B21a	WG9466	Tissue	Dioxins/Furans	09/18/03	10/30/03	**enclosed**
10816A4b	K2205838	Tissue	Mercury	09/19/03	11/10/03	**enclosed**
10828A4	K2206663	Tissue	Mercury	09/19/03		**enclosed**

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